SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY AND MANAGEMENT

VISHWOTHAMA NAGAR, BANTAKAL - 574 115. UDUPI DISTRICT, KARNATAKA.
(A Unit of Shri Sode Vadiraja Mutt Education Trust ®, Udupi)
(Approved by AICTE, New Delhi, Recognized by Govt. of Karnataka and Affiliated to the Visvesvaraya Technological University, Belgaum.)

Engineering your Career and Character with Care
MEMBERS of the GOVERNING COUNCIL

Shri Madhwa Vadiraja Institute of Technology & Management, Bantakal

- H. H Shri Vishwavallabha Theertha Swamiji (Chairman)
- Dr. Udupi Srinivas, Ex-Professor, IISc., Bangalore (Member)
- Dr. A. Venkatesh, Ex-Professor, IIT Madras (Member)
- Dr. Gopala Mugeraya M, Director, NIT, Agartala, Tripura (Member)
- Dr. S. G. Gopalkrishna M, Principal, NCET, Bangalore (Member)
- Prof. B. S. Revankar, Ex-Director, NITK-STEP (Member)
- Prof. Dr. Radhakrishna S. Aithal, Principal (Member Secretary)

TRUSTEES

Shri Sode Vadiraja Mutt Education Trust ®, Udupi

- H.H Shri Vishwavallabha Theertha Swamiji (President)
- Sri P Srinivasa Tantry, Dewan SSVM, Udupi (Vice President)
- Sri Rathnakumar, Founder, PRIME, Udupi (Secretary)
- Prof. B. S. Revankar, Ex-Director, NITK-STEP (Member)
- Sri H. V. Gowthama, Chartered Accountant, B’lore (Member)

VISION

To establish an Excellent, Value-based Higher Educational Hub to Meet the Challenges of Global Competitiveness

MISSION

To impart holistic education with unparalleled infrastructural facilities and conducive academic ambience at affordable costs, leading to the creation of Centers of Excellence with best brains collectively interacting for total personality development and intellectual growth.
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CORE VALUES
• Discipline
• Determination
• Dedication
• Integrity & Trust
• Interest & Involvement
Education transforms and refines the human spirit and a refined human spirit makes that contribution to society, which transforms society itself. Today's thinking should not kill the future and hence, encouragement and nurturing of innovation and inquiry should become the cornerstone of any educational endeavor.

It is our aim through the Shri Sode Vadiraja Mutt Education Trust to impart professional education that bridges social gaps and empowers all segments of the society to approach the future with optimism and hope. All facilities, both human and otherwise will be provided by the Trust to the young minds to blossom and meet the challenges with confidence.

May Lord Shri Krishna Bless You All

H.H Shri Vishwavallabha Theertha Swamiji
Shri Sode Vadiraja Mutt, Udupi
Guiding Words

Ex-President of India, Dr. Sarvapalli Radhakrishnan once said: “The very objective of education is to identify, bring out, nurture and promote hidden talents of the human being”. An institution of repute, established with this noble objective is none other than Shri Madhwa Vadiraja Institute of Technology and Management (SMVITM). Hats off to the President, His Holiness Shri Vishwavallabha Theertha Swamiji and the entire Shri Sode Vadiraja Mutt Education Trust, Udupi for their untiring efforts to propagate higher education in an exemplary way!

SMVITM thinks beyond conventional boundaries, endeavors to create an environment that promotes learning while nurturing professional and personal growth. With committed faculty and state-of-the-art infrastructure, the institute promotes cutting-edge technology and meaningful teaching-learning strategies. It responds to a continual need for professionalism and provides personalized tutoring and student counseling. It sincerely attempts to create synergetic partnership with the industry, constant up-gradation of infrastructure facilities and continuous improvement of faculty skill sets. Technological changes and research have led to revolutionary breakthroughs in the dissemination of knowledge. But, in India, there is still one constant element in our education system, i.e. the holy relationship between the teacher and the student. The students still depend on teachers to excel in higher education and to provide ideal role models. At SMVITM, a teacher is considered not as a sage on the dais, but as a facilitator, a mentor standing by the side.

In the present social scenario of undesired political interference in the education sector, ill effects of mass media and consequent student unrest, self discipline and zeal at studies are highly called for. Hard work, planned work, disciplined work and increasingly efficient work is the gospel preached and practiced at SMVITM, in line with the statement of true patriotism from Bharath Rathna Sir Mokshagundam Visvesvaraya, “Work hard! Work harder! Work with efficiency and discipline! Work in a cooperative spirit! Work with a team spirit to make our country great, self supporting and strong!”

As today’s students are quite competitive, sharp and creative, what is needed is proper direction, motivation, understanding, encouragement and backing in the institutes. At SMVITM, all efforts are made to recognize, appreciate, mould and promote their creative and innovative ideas, as the future of the country is in their hands. We solicit support from the parents by way of advising their wards to concentrate on studies and to abide by the rules and regulations of the Institute to maintain discipline in the campus and to create an environment that is conducive to meaningful academic pursuit. Parents are requested to make frequent visits to the institute at their convenience to know more about their children’s academic progress and behavior and to boost the morale of the students. I congratulate all the parents and students for selecting one of the best institutions for engineering studies and for having faith in this young, promising institution. I assure the parents that all necessary facilities will be extended to the students here and that “we truly care for your children”.
SMVITM – An Institution with a Distinction

The birth of Shri Madhwa Vadraja Institute of Technology and Management (SMVITM) is the realization of a dream: the dream of a young holy man who had the courage to have a real big dream and the determination to transform that near impossible dream into a concrete reality. That man is His Holiness Shri Vishwavallabha Theertha Swamijji, the present pontiff of Shri Sode Vadraja Mutt, Udupi – the founder of SMVITM. At a very young age, Shri Swamijji promoted Shri Madhwa Vadraja Institute of Technology & Management (SMVITM) with a great sense of purpose. By establishing the Institute, he was materializing a long cherished dream of his senior pontiff and mentor, H. H Shri Vishwothama Threetha Swamijji. The senior pontiff’s dream of providing quality technical education that is affordable, but not at the cost of excellence, has materialized in the form of SMVITM – an institute of excellence in engineering education, located in the sylvan surroundings of a picturesque small village, ‘Bantakal’, a few kilometers away from Udupi, a relatively small but a culturally vibrant and intellectually enlightened town situated in coastal Karnataka, known all over the world for its spiritual image and exotic cuisine. The Institute was established in the year 2010 under the aegis of Shri Sode Vadraja Mutt Education Trust ®, Udupi with the noble objective of the uplift of the underprivileged by providing them with competent and quality professional and technical education.

The sole aim of the Institute is to provide quality engineering education to rural students at affordable cost and promote research activities of global standards. Currently, more than 1100 students are pursuing their engineering education at the Institute.

The achievements of SMVITM have been unmatched for an institution that has been in existence for just four years. Appreciating the vision of the Institute and value addition it makes to engineering education, the former President of India, Bharat Ratna Dr. A P J Abdul Kalam made a visit to SMVITM campus on 02 April 2014 and interacted with the students on Empowering the Nation through Technology and Innovation.

The renowned multinational company, SAP Labs Pvt. Ltd. has recognized SMVITM as its academic partner. IT Facility Agreement with the premier IT company, Tata Consultancy Services; a full-fledged research centre and execution of externally funded projects in basic sciences; proposed establishment of an R&D Centre in Mechanical Engineering; modern Testing & Consultancy Cell in Civil Engineering; organisation of national level conferences and ISTE sponsored faculty development programs; KSCST & VGST (TRIP) sponsored student project works; Innovation Lab in the Electronics & Communication Engineering Department; representation of the college in international forums by the faculty; outstanding performance in curricular, co-curricular and extra-curricular activities by the students, organizing science model and technical project exhibitions etc. are some of the major achievements SMVITM has been able to make in the short span of time since its inception.

SMVITM is affiliated to Visvesvaraya Technological University, Belgaum, approved by All India Council for Technical Education, New Delhi and recognized by the Government of Karnataka. With its well qualified faculty and excellent infrastructure, SMVITM has already carved a niche for itself in the field of technical education in the region and is making great strides in reaching the goal of becoming a technical education of national importance in the nearest possible future.
“I was happy to find that this institute envisions to establish an excellent, value based higher educational hub to meet the challenges of global competitiveness. Global competitiveness is indeed a key ingredient for the 21st century engineering professionals and even the nation, as a whole. It comes from innovative thinking, system approach, convergence of technologies and above all, through knowledge. So, empower the nation through technology and innovation.

“The world in the 21st century will be a knowledge based society with multiple opportunities. In the new world which we are facing now, what worked yesterday, won’t work today. Yesterday the natural resources defined power, but today knowledge is power! Model Educational Institutions will be a power house for knowledge. Yesterday hierarchy was the model, but today synergy is the mandate! Yesterday employees took order, but today teams make decision! Good Educational Institutions can inject team spirit. Yesterday value was extra, but today value is everything! Value based Education system is the need of the hour. I am sure, the curriculum and the method of teaching in the Shri Madhwa Vadiraja Institute of Technology and Management has been designed to build the capacities needed for today, in the young minds.

“Engineering and Technology is a life time mission! Work, work and work and succeed. Set a great technological goal that will lead you to think high, aim high, work and persevere to realize the goal. No problem can defeat you; become the captain of the problem, defeat the problem and succeed. Work and work for removing the problems faced by planet earth in the areas of water, energy, habitat, waste management and environment through the application of science and technology.

“Let the National Flag fly in our hearts and let us bring glory to our nation.”
PRINCIPAL OBJECTIVES of the INSTITUTE

- To create a transparent and attractive academic environment – free from commercial interests and questionable practices – that encourages the pursuit of excellence.

- To inculcate scientific temper and a spirit of enquiry in the students and the teachers.

- To develop and nurture a thoroughly professional, but a value-based educational system in which the teacher and the student alike are at their innovative best at all times, encouraging each other to keep pace with the ever expanding frontiers of knowledge.

- To make significant contribution towards the growth of a healthy and happy society through pioneering education and effective industry-institute interactions.

- To be a role model in higher education and the most preferred choice of students, faculty and industry.

COURSES OFFERED

The institute offers four year undergraduate courses leading to the award of Bachelor of Engineering (BE) degree in the following disciplines:

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<tr>
<th>Branch</th>
<th>Intake</th>
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<tbody>
<tr>
<td>Civil Engineering</td>
<td>60</td>
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<tr>
<td>Computer Science &amp; Engineering</td>
<td>120</td>
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<tr>
<td>Electronics &amp; Communication Engineering</td>
<td>120</td>
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<tr>
<td>Mechanical Engineering</td>
<td>120</td>
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The Civil Engineering Department has been in existence since the inception of the Institute during the academic year 2010-11 with an intake approval of 60 students. The Department has got a highly qualified team of faculty members having rich experience within the academia and industry. The Department is committed to provide quality education and produce competent engineers to meet the growing demand for professionals in civil engineering.

The Department has set up state-of-the art laboratories that are on a par with Institutions of repute in different fields of civil engineering. The Department is also offering Consultancy & Testing Services to various government departments and contractors. With the existing facilities, the Department intends to develop itself as a promising consultancy & testing centre in the region and cater to the demands of society.

The Department has always remained in the forefront of innovation and development owing to its R&D initiatives, planning, design, construction and consultancy services. The Department boasts well equipped laboratories with all modern equipment in the specialized areas to meet the needs of students as well as R&D and consultancy works. Testing facilities related to civil engineering are also provided in the laboratories to fulfill the need of industries. The faculty of the Department has expertise in testing & consultancy services in the areas of civil engineering material testing, soil investigation, tests on cement, concrete and highway materials, non-destructive testing of concrete structures, water quality analysis, surveying works, analysis, design and drawing of civil engineering sub structures and super structures, estimation, costing and valuation of proposed and existing structures and third party inspection of civil engineering structures.

The Department invites eminent personalities and academicians from prestigious Institutions and industries to deliver quality lectures to the students frequently and has organized many highly useful workshops which are beneficial to the faculty, students and practicing engineers. The faculty members attend various workshops / conferences / training programmes on a regular basis, which would keep them abreast with the latest happenings and developments occurring in their related fields and upgrade their competencies and skill-sets up to date.

Prof. Dr. A Ganesha - Professor & Dean (Academics) - B.E, M.E, Ph.D
Prof. Dr. B Radheshyam - Professor & Head - B.E, M.S, Ph.D
(Dr.) Anand V R - Assistant Professor (Sr.) - B.E, M.E, (Ph.D)
Mr. Santhosh Kumar D - Assistant Professor - B.E, M. Tech.
Mr. Madhusoodhana Rao - Assistant Professor - B.E, M. Tech.
Mr. Vignesh Shenoy B - Assistant Professor - B.E, (M. Tech.)
Ms. Vinya T K - Assistant Professor - M.Sc., UGC-NET
Ms. Deepika B V - Assistant Professor - B.E, M. Tech.
Mr. Ashwin D - Assistant Professor - B.E, M. Tech.
Mr. Raghavendra J K - Assistant Professor - B.E, M. Tech.
Mr. Pradeep Kumar K J - Assistant Professor - B.E, M. Tech.
Mr. Sunil Haldankar - Assistant Professor - B.E, (M. Tech.)
Mr. Ravi Kumar R - Assistant Professor - B.E, M. Tech.

**ADJUNCT FACULTY**

Prof. Dr. R. K. Yaji, Ph.D (Rock Mechanics), Former Professor & Dean-NITK, Surathkal

**LABORATORIES**

- Surveying Practice
- Basic Material Testing
- Applied Engineering Geology
- Hydraulics & Hydraulic Machinery
- Computer Aided Design
- Geotechnical Engineering
- Concrete & Highway Materials
- Environmental Engineering
The Department has state-of-the-art laboratories equipped with high-end computers and other required peripherals to meet the academic needs of students. The Department has the most sophisticated and state-of-the-art computer labs aimed at giving hands-on training to the students in the most advanced areas in programming and software development. In addition to the existing labs, an internet lab as a central facility is being developed.

FACULTY
Mr. Venkatesh - B. E, M. Tech. - Associate Professor & Head
Mr. Shrinivas Naik - B. E, M. Tech. - Assistant Professor (Senior)
Mr. Venugopal Rao A.S - B.E, M. Tech. - Assistant Professor (Senior)
Ms. Chaithra K.R - B. E, M. Tech. - Assistant Professor (Senior)
Mr. Siju V Soman - M. Sc., M. Tech. - Assistant Professor (Senior)
Ms. Yashaswini Jogi - B. E, (M. Tech.) - Assistant Professor
Ms. Priyanka - B.E, M. Tech. - Assistant Professor
Ms. Sahana Karanth - B. E, (M. Tech.) - Assistant Professor
Mr. Deepak Rao M - B.E, M. Tech. - Assistant Professor
Mr. Rama Moorthy H - B. E, M. Tech. - Assistant Professor
Mr. Praveen M Naik - B.E, M. Tech. - Assistant Professor
Mr. Shreenath Waramballi - B.E, M. Tech. - Assistant Professor
Ms. Shainy Sabeena Salins - B.E, M. Tech. - Assistant Professor
Ms. Vijetha - B.E - Assistant Professor
Ms. Shridhi - B.E - Assistant Professor
Ms. Tejaswini H - B.E - Assistant Professor

ADJUNCT FACULTY
• Mr. Chandrashekar Rao Kuthy, Sangam One Connected Services, Bengaluru
• Prof. Dr. Ganesh Aithal, Vice Principal, PA College of Engineering, Mangalore
• Prof. Dr. Harish S V, Professor, Department of Computer Science & Engineering, MIT, Manipal
Electronics today stands at the forefront of the rapidly expanding horizon of science and technology. The Department of Electronics & Communication Engineering in SMVITM was established in the year 2010, initially offering an undergraduate program with an intake of 60 students per year. The intake was increased to 120 in the academic year 2012-13. The Department has well-qualified faculty members – highly motivated in teaching and guiding the students in exploring newer avenues in the fields of electronics and communication.

The Department is intent on creative and technologically advanced skill transfer to the students through teaching, mentoring and counseling. It regularly organizes seminars, symposiums, workshops and invited talks by eminent faculty from reputed institutions and industry experts to keep the students abreast of the latest technological developments in related fields. The services of some academicians of high repute are being utilized by the Department with the objective of supplementing teaching, mentoring and guiding the students as well as faculty members ever since the inception of the Department. The Department has its own library comprising of over 100 text books and technical magazines for quick reference. To nurture creative ideas and provide hands-on training to the students, the Department has set up an Innovation/Project laboratory with state-of-the-art equipment and latest versions of software tools, in addition to the regular laboratories.

**FACULTY**

Prof. Dr. Radhakrishna S. Aithal  -  B.E, M. Tech., Ph. D - Professor & Principal  
Prof. Dr. Balachandra Achar H. V  -  B.E, M. Tech., Ph. D - Professor & Head  
Mr. Nagaraja Rao  -  B.E, M. Tech. - Assistant Professor & Head  
Mr. Arun Upadhyaya  -  B.E, M. Tech. - Assistant Professor  
Mr. Rajesh Nayak  -  B.E, M. Tech. - Assistant Professor  
Ms. Shashikala R  -  B.E, M. Tech. - Assistant Professor  
Ms. Rashmi K. R  -  B.E, M. Tech. - Assistant Professor  
Mr. Chetan R  -  B.E, M. Tech. - Assistant Professor  
Mr. Sachin Prabhu  -  B.E, M. Tech. - Assistant Professor  
Mr. Vinaya Kumar  -  B.E, M. Tech. - Assistant Professor  
Mr. Sachin Bhat  -  B.E, M. Tech. - Assistant Professor  
Mr. Jayadev D. B  -  B.E, M. Tech. - Assistant Professor  
Mr. Krishna Kumar P  -  B.E, M. Tech. - Assistant Professor  
Ms. Vrunda Adkar  -  B.E, M. Tech. - Assistant Professor  
Ms. Shareen Noronha  -  B.E, M. Tech. - Assistant Professor  
Mr. Sandesh Kumar  -  B.E, (M. Tech.) - Assistant Professor  

**ADJUNCT FACULTY**

Prof. Dr. Somashekar Bhat, B.E, M.Tech., Ph.D,  
Department of Electronics & Communication Engineering, MIT, Manipal.

**LABORATORIES**

**HARDWARE LABORATORIES**
- Analog Electronics  
- Logic Design  
- Microcontrollers  
- Analog Communication  
- Digital Communication  
- Linear Integrated Circuits  
- Power Electronics

**SOFTWARE LABORATORIES**
- Hardware Description Language  
- Digital Signal Processing  
- Microprocessors  
- VLSI

**INNOVATION/PROJECT LABORATORY**
The Department of Mechanical Engineering at SMVITM started functioning in the year 2010. The Department offers an undergraduate program in mechanical engineering that covers a wide range of topics in the field of mechanical engineering such as thermal and fluid sciences, engineering design, dynamics and control, materials, manufacturing, modeling and simulation as per VTU curriculum to suit the interests of students and meet the industry requirements.

The student intake capacity of the Department is 120. Teaching and learning activities at the Department are designed in such a way as to stimulate intellectual curiosity, creativity and innovation in students. The Department has a well qualified and experienced team of faculty members who have their specializations in the different branches/areas of mechanical engineering. The highly committed faculty with their innovative ideas guide the students with their projects and industry assignments. The efforts of faculty, well experienced supporting staff, enabling learning environment and availability of modern facilities are reflected in the excellent performance of the students. Efforts are underway to set up a Research & Development center to initiate the research activities at the Department.

The Department frequently conducts theoretical and practical technical workshops, industrial visits for the benefit of the students and faculty under the ISTE Student and Faculty Chapters. These Chapters are actively involved in conducting technical talks and guest lecturers by eminent personalities from the industry and academicians from reputed institutes like IISc., IITs and NITs. The Student Chapter is active in organizing career guidance programs, student talent search programs, seminars, workshops, etc. as co-curricular activities throughout the semesters.

**FACULTY**

(Dr.) Vivekananda Huddar - B.E, M. Tech., (Ph. D) - Associate Professor & Head
Mr. Harish B - B.E, M. Tech. - Associate Professor
Mr. Ravinarayan Rao - B.E, M. Tech.
Mr. Ambarish M - B.E, M. Tech. - Assistant Professor
(Dr.) Pavan Kumar - B.E, M. Tech., (Ph. D) - Assistant Professor
Mr. Ananda Hegde - B.E, M. Tech. - Assistant Professor
(Dr.) Raja Yateesh Yadav - B.E, M. Tech., (Ph. D) - Assistant Professor
Mr. V. Vijendra Bhat - B.E, M. Tech. - Assistant Professor
Mr. Mayura H N - B.E, M. Tech. - Assistant Professor
Mr. Ranganatha - B.E, M. Tech. - Assistant Professor
Mr. Ashok R Banagar - B.E, M. Tech. - Assistant Professor
Mr. Lingaraj K Ritti - B.E, M. Tech. - Assistant Professor
Mr. Praveen J Kalamdani - B.E, M. Tech. - Assistant Professor
Mr. Ganesh Kalagi - B.E, M.E. - Assistant Professor
Mr. Sudhir - B.E, M. Tech. - Assistant Professor
Mr. Kishore Kumar Aroor - B.E, M. Tech. - Assistant Professor
Mr. Aditya Kudva S - B.E, M. Tech. - Assistant Professor
Mr. Niranjan M K - B.E, M. Tech. - Assistant Professor

**ADJUNCT FACULTY**

Prof. Dr. Satish Shenoy B,
Department of Mechanical Engineering, MIT, Manipal.

**LABORATORIES**

- Centralized Workshop
- CAED Lab
- Metallography & Material Testing Lab
- Foundry & Forging Laboratory
- Mechanical Measurements & Metrology Lab
- Machine Shop Lab
- Energy Conversion Lab
- Fluid Mechanics & Machinery Lab
- Computer Aided Modeling Analysis Lab
- Heat & Mass Transfer Lab
- Design Lab
The basic sciences – essentially, Physics, Mathematics and Chemistry – form the fundamentals of any course of study in engineering. So, strengthening of the fundamentals of these subjects in the students is of absolute importance in any meaningful attempt to provide quality engineering education. SMVITM has individual departments for each of these subjects and these departments together form the Basic Sciences Department. Each of these departments has excellent infrastructure and well-qualified faculty and staff. The sophisticated laboratories are equipped with all the apparatuses and equipment needed for all the experiments prescribed in the syllabus. The Department plays a vital role in creating an understanding of and appreciation for the fundamentals that form the base for all the branches of engineering in students, which in turn contributes to the better performance in their chosen areas of study.

DEPARTMENT OF MATHEMATICS
Mathematics, the mother of all sciences, is one of the strongest pillars that support the superstructure of any engineering discipline. With its highly qualified and committed faculty and innovative instructional methods, the Department of Mathematics lays a strong foundation in engineering mathematics in the students.

FACULTY
Dr. Lolita Priya Castelino - M. Sc., M. Phil., Ph. D - Asst. Professor (Sr.) & Head
Ms. Bhagyalakshmi Navada - M. Sc. - Assistant Professor

Ms. Renita Sharon Monis - M. Sc. - Assistant Professor
Ms. Dhanyashree - M. Sc. - Assistant Professor
Ms. Aishwarya - M. Sc., M. Phil. - Assistant Professor
Ms. Kavyalakshmi - M. Sc. - Assistant Professor

DEPARTMENT OF PHYSICS
With its state of the art laboratories – including a research lab – and well-qualified faculty, the Department of Physics strengthens the fundamentals of the subject in the first year students. The Department also takes up quality research projects funded by various government agencies. At present, three part-time and one full-time research scholars are pursuing their doctoral research with the Department. A research project worth around Rs 15 lakhs funded by the Department of Atomic Energy (DAE) - Board of Research in Nuclear Sciences (BRNS), Government of India is underway at the Department.

FACULTY
Dr. Ravindra H J - M. Sc., Ph. D - Associate Professor & Head
(Dr.) Ms. Sandhya - M. Sc., M. Phil., (Ph. D) - Assistant Professor (Sr.)
Ms. Usha H - M. Sc., M. Phil. - Assistant Professor
Ms. Usha Parvathi A - M. Sc. - Assistant Professor

DEPARTMENT OF CHEMISTRY
Chemistry, one of the oldest among physical sciences, is of vital importance to the study of engineering sciences. The Department of Chemistry at SMVITM plays a pivotal role in imparting the fundamentals of engineering chemistry to the students and strengthening their understanding of the subject with highly effective theory and practical classes. The Department has a state of the art practical lab with all the required equipment and apparatuses that enable the students to carry out the experiments and practical tests smoothly and efficiently. Procedures for setting up a research lab that would facilitate doctoral level research at the Department are already underway. At present, with its eminently qualified and experienced faculty, the Department offers expert guidance on research and projects.

FACULTY
Prof. Dr. K. K. Srinivasan - M. Sc., Ph. D - Professor & Head
(Dr.) Ms. Subbulakshmi N. Karanth - M. Sc., M.B.A, (Ph. D) - Assistant Prof. (Sr.)
(Dr.) Ms. Raviprabha K - M. Sc., M. Phil.,(Ph. D) - Assistant Professor
Ms. Shree Shakthi - M. Sc. - Assistant Professor
In order to be well-versed with industrial work culture, the Department encourages and facilitates students' taking up live projects with reputed industries either as summer projects or as a part of their academics. This enables students to come out of the shell and expand their perspectives to the industry standards. Many reputed companies are already supporting SMVITM by facilitating industry visits of its students and offering them internships and projects, which is expected to grow in the days to come.

SMVITM, being a member of the consortium of engineering colleges in coastal Karnataka, has the advantage of sending its students to attend pooled campus interviews, which facilitates centralized campus recruitment by companies of high repute. Many deserving students have already been placed through this facility and the Department is trying its best to bring companies of different verticals for the placement of deserving students of SMVITM.

COMPANIES ASSOCIATED WITH SMVITM FOR TRAINING & PLACEMENT

- Tata Consultancy Services
- Bosch
- Godrej
- IndiGo
- Cognizant
- ReboSoft
- CMC
- Coats
- Heico
- Manipal Technologies Ltd.
- JBF Petrochemicals Limited
- Offcampus
- Manpower Systems
- Property
- Property
- SAP
- L&T Construction
- IBM
- HCL
- MFL
- Perform
- Rohan
- CMC Limited
- Texas Shipyards Ltd
True education is said to be the one that cares for the physical, cognitive and emotional development of the student. The importance of physical education in developing the psycho-motor skills and the significant role sports and games play in the all round development of students have been recurrently emphasized by almost all educational philosophies and their proponents. SMVITM believes and understands that a sound mind can reside only in a sound body. Having this awareness has resulted in setting up a full-fledged physical education department with qualified and experienced trainers. In addition to guiding students in physical activities and organizing sporting- events and games, it trains and prepares students for various inter-collegiate and university level athletic competitions and tournaments. Facilities for various indoor and outdoor games like carom, chess, table tennis, cricket, volleyball and throw ball are available for the students. The Annual Sports Meet, where students compete in sports and games, gives the students an opportunity to participate in various sporting events and get selected to represent the Institute at various state and national level sports meets and tournaments. A few students have already represented SMVITM at some university and inter-university level athletic meets and tournaments. A modern basketball court is being developed at present, and to give ample training and encouragement to aspiring athletes, the Department is also planning to construct a 400 metre athletic track in the near future.
AMENITIES and SERVICES at SMVITM

• Location
The campus is situated at Vishwothama Nagar, Bantakal, a scenic village on the Katapady-Belman road, about 6 km off NH 66. Bantakal is about 12 km away from Udupi town and 17 Km from Manipal. Bantakal is well connected to Kundapura, Karkala and Mangalore by road.

Infrastructure:
• Buildings
SMVITM is situated in a serene and pollution free area away from the hustle and bustle of the city, which provides the ideal ambience for academic activities. The Institute has state-of-the-art infrastructure for providing an academically enabling and intellectually enriching environment that will cater to the overall development of the students. The Institute offers BE courses in four engineering disciplines at present and each of these departments functions from independent blocks. Each of these blocks has high-tech and most modern facilities that are required to provide a sound engineering education to the students. Every aspect of value based professional education is taken care of in the designing of the buildings. All the class rooms are ergonomically designed, spacious and well furnished to give a comfortable academic environment. Most of the class rooms have multimedia facility to ensure that the students benefit fully from the technological advancements that can supplement and enrich the classroom transactions.

• Libraries
The institute library has a treasure trove of books, newspapers, magazines, journals etc. The central library has over 12,000 volumes of reference/text books with over 1650 titles. In addition to the leading dailies and magazines, the library subscribes to the VTU Consortium for e-Resources, which provides access to reputed e-books like Springer and Taylor & Francis (CRC Press e-Books) and e-journals like Springer e-Journals, Taylor & Francis e-Journals, IET Digital Library, Proquest
Location

Infrastructure:

• Buildings
• Libraries

SMVITM is situated in a serene and pollution free area away from the hustle and bustle of the city, which provides an academically enabling and intellectually enriching environment that will cater to the overall development of the students. The Institute has state-of-the-art infrastructure for providing full-time Wardens and a Chief Warden (Professor). Adequate water and power supply is ensured round the clock in the hostel. The rooms and ambience in the hostel provide ample privacy to the inmates. Extension of the Boys’ Hostel to two more floors is under way and arrangements are in progress to get a spacious building with all modern amenities near the campus on lease to accommodate prospective hostellers who prefer to stay outside the campus.

AMENITIES and SERVICES at SMVITM

• Conveyance
College Bus facility at concessional rates to daily commuters (students, staff and faculty) is available from Udupi, Kundapur, Hiriyadka, and Manipal. This facility can be extended to other distant places on demand.

• Cafeteria
The spacious cafeteria on campus provides hygienic and quality vegetarian food at affordable rates. This facility is exclusively for the faculty, staff, students and institutional guests. Profit is not at all a motive behind running the cafeteria.

• Hostels
The Institute has magnificently designed and ergonomically built separate hostels for boys and girls with all modern facilities and provision for recreational activities along with a delicious and nutritious vegetarian food. The hostel administration is taken care of by full-time Wardens and a Chief Warden (Professor). A reading hall of over 200 seating capacity, multimedia laboratory and e-learning centre providing live transmission of VTU EDUSAT programme are added features of the library. Book Bank facility is also available for the needy students. In addition, each department has a separate departmental library for ready reference for its faculty and staff. An independent four storey block for library-cum-multiple seminar halls is under construction and with its becoming operational, the Institute will have a library that will be on a par with some of the best libraries in the most reputed technical education institutes in the state, if not in the country.

(VTU Technology Collection with DVD Backup), and Knimbus. The collection of e-books and e-journals together provides access to over a whopping 18,460 titles to the faculty and students. A reading hall of over 200 seating capacity, multimedia laboratory and e-learning centre providing live transmission of VTU EDUSAT programme are added features of the library. Book Bank facility is also available for the needy students. In addition, each department has a separate departmental library for ready reference for its faculty and staff. An independent four storey block for library-cum-multiple seminar halls is under construction and with its becoming operational, the Institute will have a library that will be on a par with some of the best libraries in the most reputed technical education institutes in the state, if not in the country.
SPECIFIC FACILITIES for the STUDENTS

• Co-curricular Activities
To facilitate an in-depth, comprehensive and practical understanding of the academic subjects in the students, the Institute organizes various general and department-specific co-curricular activities and programmes within the campus frequently. During such programmes, reputed academicians, researchers and industry experts with vast experience are often invited to address the students and conduct workshops on relevant and contemporary topics and developments in the fields of science & technology. In addition to the branch specific programmes, students are also encouraged to participate in industry sponsored Ideation/Innovation Challenges and Competitions / Student Project Exhibitions. SMVITM students have been regularly participating in many intercollegiate technical competitions and winning prizes at the university/state/national levels.

• Extra-curricular Activities
SMVITM firmly believes that academic excellence alone cannot be the be all and end all of education. Keeping in line with this philosophy, the Institute offers various avenues for the expression of the aesthetic and creative potentials of the students. The annual cultural fests, the literary and cultural competitions held as part of the Annual Day and opportunities for students to participate in various intercollegiate cultural fests contribute abundantly to the development of their natural gifts and talents. The state level intercollegiate tech fest Tantrikothsava and cultural fest Varnothsava are two special events organized every year by the institute with the objective of providing a forum for exhibiting the technical and creative skills of students of professional courses. The annual sporting events and representation of the SMVITM students at various state and national level athletic meets/tournaments highlight the importance the Institute attaches to meaningful extracurricular activities.

The student units of the community service organizations like NSS, Youth Red Cross, Rotaract Club, in association with local NGOs/international organizations like Rotary International and Jaycees, organize activities aimed at serving the community and reaching out to the society at large by offering services like free medical camps, blood donation camps, training special children etc.

• Membership of Recognized Professional Societies
Faculty and institutional memberships of professional societies/bodies enhance the visibility and credibility of any professional education institution. The Faculty and
Student Chapters of Indian Society for Technical Education (ISTE) have already been functional at SMVITM and been regularly organizing co-curricular activities under the banner of ISTE. To further enhance national level visibility and publicity as well as to garner support for co-curricular activities, faculty and institutional membership of a few more reputed professional societies such as Institution of Engineers (India) (IEI) and IEEE are being processed. The setting up of student chapters of such bodies at the Institute has also been given top priority.

• Counseling and Student Welfare
As an institutional policy, Teacher Guardians and Faculty Advisors are appointed to give personalized care and attention to each student of SMVITM. They, in consultation with the Student Welfare Officer, pay personalized attention to the problems faced by the students and give effective counseling to students, who need help with regard to their academic and personal problems, and act as mentors to the students. The Cumulative Performance Diary (CPD) maintained by the TGs/ FAs concerned is a record of all relevant academic and personal details of the students and the parents are periodically posted about the academic progress of their wards. In addition to the TGs and FAs, the Institute has a qualified professional counselor for providing expert counseling for the needy students.

• Entrepreneurship Development
The Entrepreneurship Development Cell along with Industry-Institute Interaction Cell aims at orienting and motivating the budding engineers to become successful entrepreneurs after the completion of their graduation. Several programs like Entrepreneurship Awareness Camps, Invited Talks by successful entrepreneurs to inspire and guide the interested students, helping the desirous students to productize/commercialize their creative ideas etc. are being conducted. Efforts are also made to establish a recognized hub for entrepreneurship, incubation and research activities in the campus.

In collaboration with District Industries Centre (DIC) and Micro, Small & Medium Enterprises (MSME), a Unit of Govt. of India; Technology Business Incubator in the areas of local interest and demand like IT sector, Self Employment Awareness & Training programs, Student Project Work Facilitation in local industries and many more such industry-institute interaction programs are being planned and processed.

• Medical Aid
The Institute provides medical aid for the students in emergency cases. Local doctors visit the college on call, for any urgent medical needs of students and staff. Tie-up with
premier local hospitals for medical services to institute students and staff also exists. Under a group insurance scheme, all the students of SMVITM are insured against accident and death.

• Zero Ragging Campus
Right from its inception, SMVITM has ensured that its campus is free from ragging in any form. An active Anti-Ragging Committee and Anti-Ragging Squads are functioning in the campus throughout the year to ensure that no student is subjected to any kind of harassment inside or outside the campus.

• Merit -cum- Means Scholarships for Deserving Students
In order to attract quality students to the Institute and thereby turning the mission of the Management into a reality and also achieving the stated objectives of the Institute, many attractive scholarships are offered to deserving students. During the academic year 2013–14 alone, around 200 students from different branches and years received scholarships worth more than Rupees 25 lakhs instituted by different charitable trusts and organizations like Malpe Madhwaraj Charitable Trust; Yakshagana Kalaranga, Udupi; Gowthama Foundation, Bangalore; GSB Scholarship League; Shri Vishwapriya Theertha Trust, Admar Mutt; Geethanand Foundation; Kota Tonse Padmavathiamma & Sri Subbanna P Udupi Memorial Charitable Trust; Ramakrishna Mission Ashrama, Belgaum; Sitaram Jindal Foundation; Kittur Rani Chennamma Scholarship and Anna Vittala Trust along with different departments of the Government of Karnataka like Karnataka Minorities Development Corporation, Backward Class Department and Karnataka Labour Welfare Board.

Two mega scholarships (Shri Madhwa Vadiraja Prashasthi) worth Rs. 10,000 each, instituted by Mr. Sunder Madakshira, Vice President (Marketing & Communications), SAP Labs India Pvt. Limited, Bangalore are awarded to the best outgoing male and female students of SMVITM. Another scholarship worth Rs. 20,000, instituted by Mr. Prabhav N. Rao, MD, Leapfrog Engineering Services Pvt. Ltd., Bangalore was given to a selected academically excellent, but financially weak student of 2013 admissions. The scholarship will continue for the subsequent years, provided the awardee maintains the minimum academic performance stipulated.

Ten institutional scholarships worth Rs one lakh, given from the Institutional Scholarship Fund, are awarded every year to the toppers in CET and the students who score the highest marks in the PUC examination with the lowest family income.
ROAD MAP AHEAD - Proposed Activities and Goals to be Achieved in the Near Future

- Introduce Industry-oriented/sponsored Open Electives to improve employability.
- Start PG programs in emerging areas, at least, one in each technical department.
- Increase Intake /start new UG programs.
- Promote institute-industry interface through regular guest lectures/workshops, visiting professorships, industry visits, campus connect programs and industry-institute interactive meets.
- Get endowments, professorships and chairs from industries, research organizations and alumni.
- Promote research work and bag a few Industry/Govt. funded research projects
- Enhance facilities to improve student performance in all related fields.
- Encourage and achieve Faculty Qualification Enhancement and promote Adjunct Faculty Scheme.
- Be a model engineering institute and the most preferred choice of students, parents, faculty and industry.
Validity of Admissions:

Just by accepting the necessary documents submitted and the required fees paid by the candidate, the Institute does not guarantee admission to any candidate in any way, unless and until the affiliating university approves the admission based on the information provided by him/her. All the admissions are governed by the prevailing rules regarding admissions by the governing bodies and the Institute, which may change from time to time.

Discipline is the unseen and the most decisive driving force behind the success of any individual. A student, however good she/he may be academically, may not be able to explore and realize her/his maximum potential unless she/he is disciplined enough and has an intuitive respect for norms and regulations that are observed and followed by any civilized society.

We, at SMVITM, steadfastly believe that self-discipline is the best form of discipline. Accordingly, some regulations and code of student conduct have been framed to foster and protect the core mission and objectives of the institution. The adherence to the same is of utmost importance to any student who steps into the portals of the Institute since they are the building blocks of her/his character formation that would be taking place during her/his stay at the institute for a period of four years. These regulations are meant to promote the scholarly and civic development of the students in a safe and secure learning environment and to protect the people, properties and processes that support the institution and its goals. Any case of violation of these set of rules and regulations will be dealt with utmost seriousness and is punishable, as per the decision of the Principal and the Management. Given below are the major broad areas where these regulations and codes are applicable:

- Code of Student Conduct.
- Student Attendance Regulations
- Regulations for curbing the menace of Ragging
- Regulation for Participation in Inter-collegiate Competitions.
- Hostel Regulations

All the prospective students and their parents must go through these regulations and code of conduct, which are explained in detail in the Student Admission Forms/Hostel Admission Forms and on the Institute website/notice boards, before taking admissions/getting their wards admitted to the Institute.
Institute Regulations for Curbing the Menace of Ragging

Ragging is a criminal offence as per the Supreme Court verdict. Ragging in all its forms, within or outside the institution/campus, is totally banned. Ragging is an offence under penal code and Karnataka Education act 1983.

Definition of Student Ragging:

Any conduct by a student, whether by words spoken or written or by an act which includes physical abuse, lewd acts, teasing, rough or rude treatment, indulging in rowdy, undisciplined and obscene activities which cause or are likely to cause annoyance, undue hardship, physical or psychological harm or mental trauma or raise apprehension or fear in a fresher/junior student or other students or forcing a student to do any act which such a student is not willing to do and which has the effect of causing or generating a sense of shame or embarrassment or danger to student’s life or adversely affect the physique or psyche of a fresher or a junior student.

Punishable Ingredients of Ragging:

- Abetment/instigation to ragging
- Criminal conspiracy to rag
- Unlawful assembly and rioting while ragging
- Public nuisance created during ragging
- Violation of decency and morals through ragging
- Injury to body, causing hurt/mental trauma or grievous hurt
- Wrongful restraint
- Wrongful confinement
- Use of criminal force
- Assault as well as sexual offences or unnatural offences
- Extortion
- Criminal trespass
- Offences against property
- Criminal intimidation
- Attempt to commit any or all of the above mentioned offences against the victim
- Physical or psychological humiliation
- Any act /abuse by spoken words, e-mails, snail mails, blogs, public insults etc.
- Any act that prevents, disrupts or disturbs the regular academic activity of a student
- All other offences following from the definition of “Ragging”.

Punishments against Ragging:

Whoever directly or indirectly commits, participates in, abets or instigates ragging inside or outside the educational institution shall be punished. Depending upon the nature and gravity of the offence as established by the Anti-Ragging Committee of the institution, the possible punishments for those found guilty of ragging at the institution level shall be any one or any combination of the following:

- Suspension from attending classes and academic privileges
- Withholding / withdrawing scholarship / fellowship and other benefits
- Forfeiting Campus Placement opportunities /recommendations
- Debarring from appearing in any test / examination or other evaluation process
- Withholding of results
- Debarring from representing the institution in any regional, national or international meet, tournament, youth festival, etc.
- Suspension/ expulsion from the hostel
- Cancellation of Admission
- Rustication from the institution for a period, ranging from 1 to 4 semesters
- Expulsion from the institution and consequent debarring from admission to any other institution for a specific period
- Fine of Rupees 25,000/-
- Collective punishment: When the persons committing or abetting the crime of ragging are not identified, the institution shall resort to collective punishment as a deterrent to ensure community pressure on the potential raggers.

In addition, in case of every single incident of ragging, a First Information Report (FIR) will be filed with the local police authorities. The possible punishment includes rigorous imprisonment (in compliance with the order of Supreme Court of India).

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